AUTODOC CLUB

How to change engine oil and filter on **Audi A3 8L1** – replacement guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:
AUDI 80 B3 (89, 89Q, 8A) 2.0 E 16V, AUDI 80 B3 (89, 89Q, 8A) 2.0 E 16V quattro, AUDI 200 C3 Saloon (44, 44Q) 2.2 20V Turbo quattro, AUDI COUPE (89, 8B) 2.0, AUDI COUPE (89, 8B) 2.0 16 V, AUDI COUPE (89, 8B) 2.3 20V, AUDI COUPE (89, 8B) 2.6, AUDI COUPE (89, 8B) 2.8, AUDI COUPE (89, 8B) 2.3 20V quattro, AUDI COUPE (89, 8B) S2 quattro, AUDI COUPE (89, 8B) 2.6 quattro, AUDI COUPE (89, 8B) 2.8 quattro, AUDI 100 C4 Saloon (4A2) 2.6, AUDI 100 C4 Saloon (4A2) 2.8 E, AUDI 100 C4 Saloon (4A2) S4 Turbo quattro, (+ 117)

The steps may slightly vary depending on the car design.

REPLACEMENT: ENGINE OIL AND FILTER – AUDI A3 8L1. TOOLS YOU'LL NEED:



- Oil filter cup socket 65/67-14f
- Drive socket # 19
- Ring spanner # 19
- Torque wrench
- Oil drain pan
- Funnel
- Microfibre towel
- Fender cover

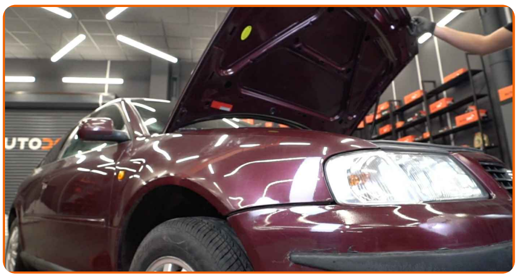
BUY TOOLS

AUTODOC recommends:

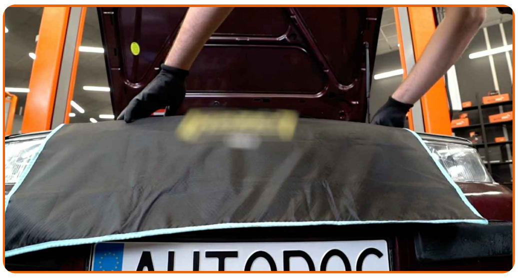
- Replace the oil filter every time when changing motor oil.
- Wear gloves to prevent contact with hot liquid.
- Use only new O-rings during installation.
- Warning! Shut down the engine before starting any work – Audi A3 8L1.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the hood.



2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.



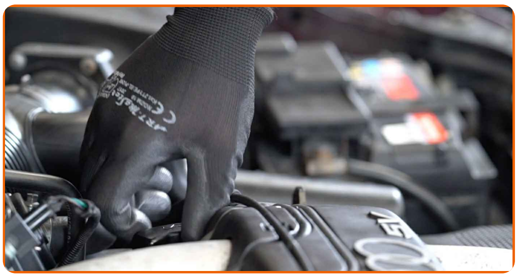
3 Lift the car using a jack or place it over an inspection pit.



AUTODOC recommends:

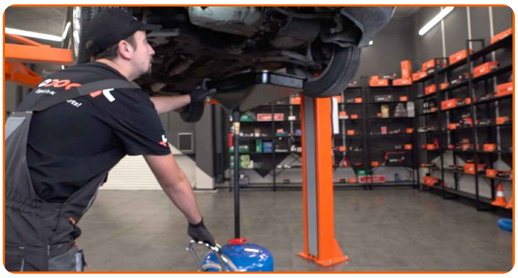
- The vehicle must be on even keel, and if it is at an angle, the drain plug must be at the lowest point.

4 Unscrew the oil filler plug.



5 Undo the fasteners of the oil pan lower cover.

6 Put a waste oil container with at least 5 l capacity under the drainage hole.



7 Unscrew the drain plug. Use a drive socket No.19 or ring spanner No.19.

8 Drain the used oil.

Replacement: engine oil and filter – Audi A3 8L1. AUTODOC recommends:

- Caution! The oil may be hot.
- Wait until the oil has completely drained from the drainage hole.

9 Move the container under the oil filter.

10 Unscrew the oil filter. Use the 65/67-14f socket.



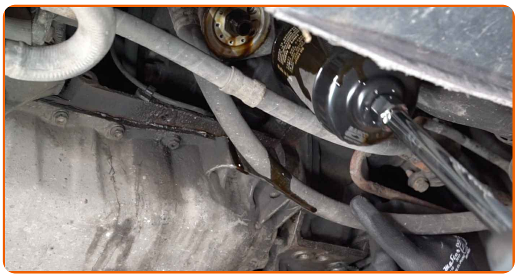
Please note!

- You might need other tools.

11 Prepare a container for the old oil filter.



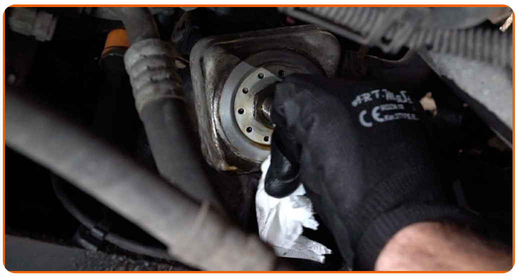
12 Remove the oil filter. Put the old oil filter in the container.



Replacement: engine oil and filter – Audi A3 8L1. Tip from AUTODOC experts:

- Move up the container. The oil starts to drain out of the drainage hole immediately after you have removed the oil filter.

13 Clean the oil filter seat.



14 Lubricate the rubber seal of the new filter with a little amount of fresh oil.



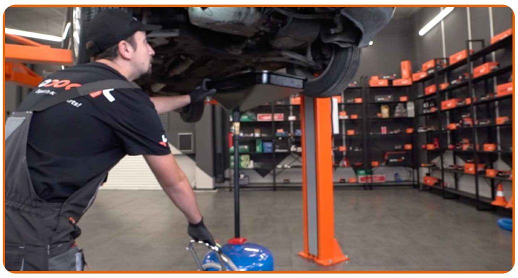
15 Screw the new filter into its place. Tighten it to 20 nm torque. Use a torque wrench. Use the 65/67-14f socket.



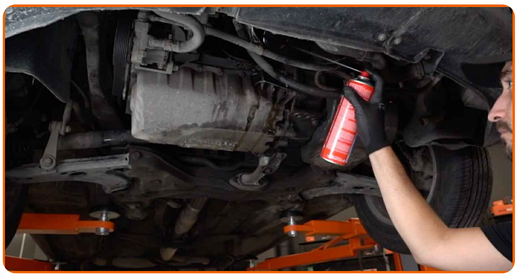
Please note!

- You might need other tools.

16 Screw in the new drainage plug and tighten it. Use a drive socket #19. Use a torque wrench. Tighten it to 30 nm torque.



17 Clean the area of the oil pan drainage hole.



18 Remove the oil filler cap.

19 Insert the funnel. Pour oil into the engine through the filler. Required amount of oil: 4.2 L.

Replacement: engine oil and filter – Audi A3 8L1. Professionals recommend:

- Use the oil recommended by the manufacturer.

20 Check the oil level using the dipstick. Top up oil if necessary.

Please note!

- The oil level should be between the min and max marks.

21 Tighten the oil filler cap. Run the engine for a few minutes. After the oil pressure warning light goes out, stop the engine.



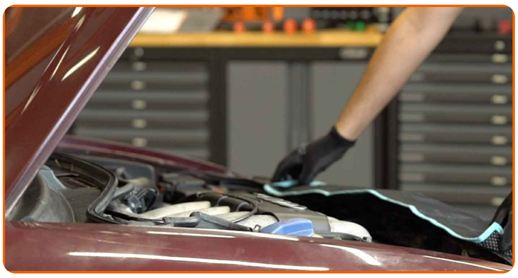
22 Check the oil level 5 minutes after the stop of the engine operation using a dipstick and add oil if necessary.

Replacement: engine oil and filter – Audi A3 8L1. Tip:

- The oil level should be between the min and max marks.
- Make sure that the oil filler cap is properly tightened.
- Check the threaded plug of the drainage hole and the oil filter seal for tightness. If necessary, carefully tighten them up.

23 Reinstall the oil pan lower cover. Tighten the fasteners of the oil pan lower cover.

24 Lower the car.



25 Remove the fender protection cover.



26 Close the hood.

Replacement: engine oil and filter – Audi A3 8L1. AUTODOC experts recommend:

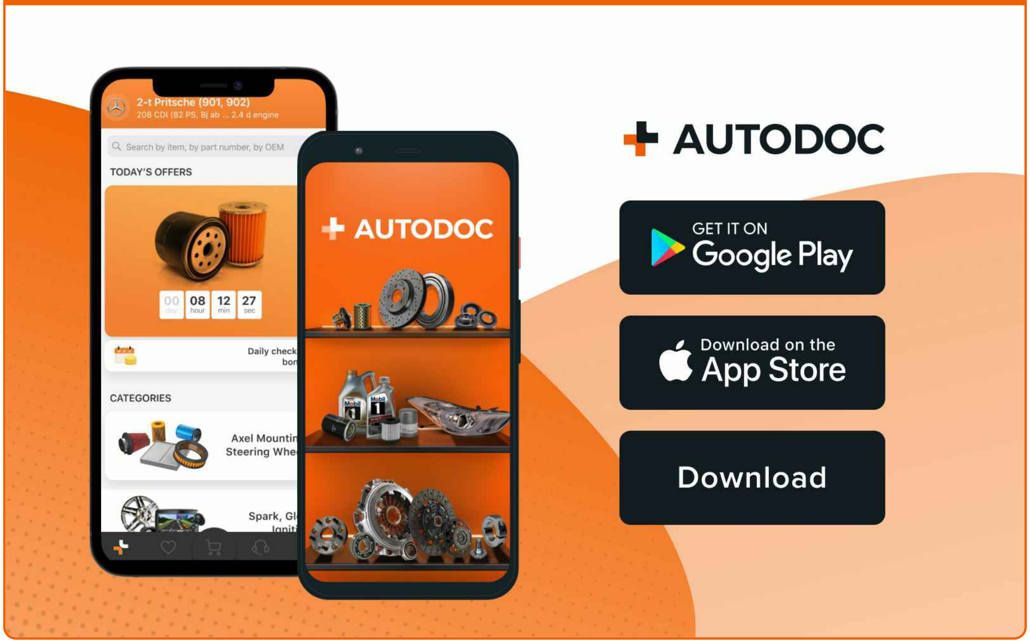
- Note that oil pressure warning light, which indicates insufficient pressure in the lubrication system, may be on for a longer time than usual. After a few seconds, the oil will fill all the channels, and the light will go out.
- To protect the environment from pollution, be sure to dispose of the used filters at special collection points.

WELL DONE!

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